

Anti-C1QTNF5 Antibody

Catalog Number: A09418

About C1QTNF5

Activator of LATS1/2 in the Hippo signaling pathway which plays a pivotal role in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein STK3/MST2 and STK4/MST1, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Phosphorylation of YAP1 by LATS1/2 inhibits its translocation into the nucleus to regulate cellular genes important for cell proliferation, cell death, and cell migration. Stimulates the kinase activity of STK38L.

Florindo C.S., Submitted (JUL-2003) to the EMBL/GenBank/DDBJ databases

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Devroe E., J. Biol. Chem. 279:24444-24451(2004).

Overview

Product Name	Anti-C1QTNF5 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-C1QTNF5 Antibody catalog # A09418. Tested in WB applications. This antibody reacts with Human,Mouse,Rat.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9BXJ0

Technical Details

Immunogen	Synthesized peptide derived from human SCYL1BP1.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB: 1:500-1:2000</p>

Anti-C1QTNF5 Antibody (A09418) Images

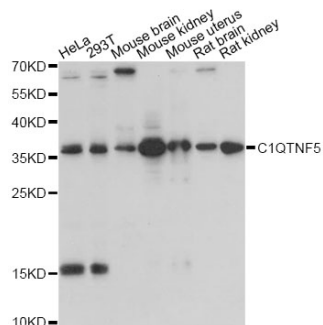


Figure 1. Western blotting validation for Anti-C1QTNF5 Antibody A09418

Western blot analysis of extracts of various cell lines

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